IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

REVOCATION AND NEW POWER OF ATTORNEY

Under 37 CFR §3.73(b) Google Inc., a Delaware corporation, certifies that it is the assignce of 100% of the right, title and interest in the patent applications listed on the attached Appendix by virtue of assignments, including assignments from inventors of the patent applications. The assignments for these patent applications were recorded in the Patent and Trademark Office on the Real and Frame numbers provided in the Appendix.

The undersigned, acting on behalf of the assignce, is empowered to act on behalf of the assignce and hereby revokes all powers of attorney previously granted in the applications and appoints the practitioners associated with:

PTO Customer Number: 26192

with full power of substitution and revocation, to prosecute the application and to transact all business in the United States Patent and Trademark Office connected therewith.

All correspondence regarding the application should be sent to:

PTO Customer Number: 26192

Direct all telephone calls to Hans R. Troesch, Reg. No. 36,950, at telephone number (650) 839-5070.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment; or both, under Section 1001 of Title 18 of the United States

Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Respectfully submitted,

Date: May 7, 1508

Dound Sonota

Title: <u>FISISTOUT SECRETUI</u>NG Google Inc

jung-hua apps - poa.doc.

Attorney's Docket No.: 16113-001001 Pages 3 of 3

TABLE 1

Attorney	Application Serial No.	Recordation Date Reel/Frame
Docket No.	Tippinestion Serial Trov	Accordation Date Recept Fame
16113-0980001 /	10/750,033	Recorded 11/23/2007; Reel/Frame 015406 / 0431
GP-156-00-US	(Patent No. 7,278,273)	
16113-1016001 /	11/122,873	Recorded 05/04/2005; Reel/Frame 016540 / 0949
GP-491-00-US		
16113-1300001 /	10/676,724	Recorded <u>09/20/2004</u> ; Reel/Frame <u>015150 / 0647</u>
GP-015-03-US		
16113-1302001 /	10/647,053	Recorded <u>07/26/2005</u> ; Reel/Frame <u>016575 / 0234</u>
GP-110-00-US		
16113-1303001 /	10/749,730	Recorded <u>12/20/2004</u> ; Reel/Frame <u>015479 / 0792</u>
GP-110-10-US	40/044 004	D
16113-1305001 / GP-117-02-US	10/611,681	Recorded <u>07/26/2005</u> ; Reel/Frame <u>016576 / 0204</u>
16113-1309001 /	10/676,822	Pagestad 04/26/2005: Page/Frame 016171 / 0562
GP-144-01-US	10/070,022	Recorded <u>04/26/2005</u> ; Reel/Frame <u>016171 / 0562</u>
16113-1310001 /	10/676,821	Recorded 04/27/2005; Reel/Frame 016173 / 0941
GP-144-02-US	10/070,821	Recorded <u>04/27/2005</u> , Reel/Flame <u>0101/57 0941</u>
16113-1311001 /	10/675,238	Recorded 12/13/2004; Reel/Frame 015453 / 0571
GP-144-03-US	707070,200	10001000 12710/2004, 1000/11ame 0104007 0071
16113-1312001 /	10/676,813	Recorded 04/27/2005; Reel/Frame 016173 / 0933
GP-144-04-US		,
16113-1313001 /	10/675,233	Recorded 04/27/2005; Reel/Frame 016173 / 0936
GP-144-05-US		
16113-1315001 /	10/675,239	Recorded <u>09/29/2004</u> ; Reel/Frame <u>015198 / 0332</u>
GP-144-07-US		
16113-1316001 /	10/676,840	Recorded 09/29/2004; Reel/Frame 015197 / 0956
GP-144-08-US		
16113-1317001 /	10/750,183	Recorded <u>02/14/2005</u> ; Reel/Frame <u>015713 / 0424</u>
GP-178-00-US	40/750 400	D
16113-1318001 / GP-179-00-US	10/750,180	Recorded 09/08/2004; Reel/Frame 015114 / 0581
16113-1320001 /	10/816,593	Popped 04/27/2005: Popl/Eromo 046474 / 0099
GP-228-00-US	10/010,595	Recorded <u>04/27/2005</u> ; Reel/Frame <u>016174 / 0088</u>
16113-1323001 /	10/816,594	Recorded <u>07/19/2005</u> ; Reel/Frame <u>016546 / 0268</u>
GP-270-00-US	10/010,004	110001000 01113/2003, 1100/111111111111111111111111111111111
16113-1325001 /	11/011,727	Recorded 12/14/2004; Reel/Frame 016090 / 0584
GP-322-00-US		1.000.000 <u>122.1.02001,</u> 1.00001 141110 <u>0.10000 7.0004</u>
16113-1326001 /	10/958,940	Recorded 10/04/2004; Reel/Frame 015874 / 0832
GP-322-01-US		
16113-1328001 /	11/015,980	Recorded 12/17/2004; Reel/Frame 016121 / 0605
GP-322-03-US		
16113-1329001 /	10/875,449	Recorded 05/10/2005; Reel/Frame 016210 / 0075
GP-327-00-US		
16113-1338001 /	11/724,600	Recorded <u>08/22/2007</u> ; Reel/Frame <u>019735 / 0765</u>
GP-798-00-US		